IT BOOK

ensions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8

Final bill
Recorded on:- BR-A31/3[illegible]

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Work Code:- 00G-16-000007

Work order No:- EE/BTP/BBMP/E-Prnt/LOA/T-07/2015-2016, Date 11/03/2016

262045

erial No. .....Improvements to Roads and drains at Anjan Enclave in Ward No-06

ame of Work ....Byatarayanapura Sub division..... To.....

ame of Contractor of nature of Agency R. Santeesh (M/S. Sathya Constructions) No. 600, Down Bazar Road Yelahanka, Bangalore-64.

ate of commencement of work ..... Est Cost:- 20.00 Lakhs

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	(1) KSRB 2-1-1: Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, Culverts, road drains and trenches of pipe lines, Cables) and removing the excavated stuff to a distance not exceeding 50 mm and lift up to 1.5 m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per Specifications.						
	Quantity vide, AR per. pre measurements are recorded in this one and page No of:- 262081-262084:- 361.15 m^3					53,045.71	
	@ Rs. 146.88						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) KSRB 2-2.1: Earth work excavation for foundation of buildings culverts water Supply. Sanitary line and electrical Conduits either in pits or in trenches 1.5m and above in width. in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m, after breaking of clods Complete as per specifications.						
	Quantity vide, As per pre-measurement recorded in this mb and vide page no of:- 268084:- 26.62m³ @Rs. 264.60						₹7043.65
	(3). Removing B.C. Slab of drain and stacking ek as per						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Specifications and
	Quantity vide, A
	in this mb and
(4)	Refixing stone s
	Per specifications a
	work.

BOOK

s dth	Depth 6	Contents 7	Reference to last Measuremer 8
for foundation of building			
e and electrical Conduits			
and above in width, in			
pth including shelling the			
ches. Stacking the exca			
vation with lead up to 50 m,			
per specifications.			
mentore recorded			
58084:- 26.62 m^3			7043.65
@Rs. 264.60			
d Stacking ek as per			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262046

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Specifications and directions of the engineer in charge of the work.						
	Quantity vide, As per pre measurementore recorded in this mB and page no of:-				262085-86:-	1230.24 m^2 @Rs. 58.32	71747.59
④	Refixing stone slabs of dados and painting in c.m (1:3) etc as per specifications and directions of the engineer in charge of the work.						
	Quantity vide item no: ③					1230.24 m^2 @Rs. 75.60	93006.14

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) Providing granite slabs of Selected quality roughly dressed and fixed in Cement mortar (1:6) including fixing Curing etc Complete do 7.5 Cms Thick etc as per specifications.						
	Drain for Cross Roads:	2×1	13.60	1.65	=44.88		
		2×1	30.00	1.65	=99.00		
	Side	2×1	30.00	1.65	=99.00		
	on	2×1	20.00	1.65	=66.00		
					308.88 m²		
	Limited to Schedule Qty : - 307.56 m² @Rs. 639.36						196703.07
	(6) KSRB-4-1.3: Providing and laying in position plain Cement						

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2
	Concrete of mix Size graded g aggregates @0. exceeding 15C cluding Cost o Complete as per
	Quantity vid in this me

T BOOK

nsions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
ers wherever necessary Complete			
stage shall not be measured,			
tion of machinery Complete			
Measurements recorded			
262087-88:- 0.44 Tonnes			34474.80
@Rs. 78351.84			
Spreading and Compacting			
mix macadam Specifications			
rial with water at anc in mech			
mixed method of tipper to site,			
Paver in Sub base Course on			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 262051

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	well prepared Surface and Compacting with vibratory roller to achieve the desired density Complete as per Specifications.						
	Quantity vide, As per pre-measurements recorded in this MB and page no of:- 262088-90:- @Rs. 1500.00					466.00 m³	699000.00
(15)	KSRRB 500-4: Providing and applying primer Coat from 7.5 to 9.8 Kg and 9.8 to 12.2 kg per 10 Sqm for Surfaces of low and medium poro sity respectively over prepared Surface of granular base with cut back RC-70 or any other bitumen mixed with diesel at 10 Kg per 10 Sqm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	heated in bitumen boiler fitted with spray set (excluding clearing of road surface) including cost of all materials, labour, Hire of machineries Complete as per specifications.						
	Quantity vide. As per pre measurements recorded in this MB and page no of:- 262091-93:-					2330.00 m² @Rs. 74.52	173631.60
(16)	KSRRB m500-18: Providing and laying Semi dense bituminous Concrete 25mm Thick with 100-120 TPH batch type Hmp producing an average output of 75 tonnes per hour using Crushed aggregates of Specified grading premixed with bituminous binder at 4.5 to 5 % of mix and filter, transporting the hot mix to work						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Site. laying with a to the required gr wheeled, vibratory a -tion as per mor 3rd Gross:

T BOOK

sions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
th Spray Set Concluding clearing of all materials, labour, Hoo specifications.			
Government store recorded			
262091-93: 2330.00 m²			173631.60
@Rs. 74.52			
laying Semi dense bituminous 20 TPH batch type Hmp producing per hour along Guelred aggre mixed with bituminous binder transporting the hot mix to work			

M. A. R. 57 (Rule 116)
Measurement Book

No. B
262052

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Site laying with a hydrostatic paver finisher with screed Control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tyre roller to achieve the desired compaction as per MORTH Specifications.						
	3rd Cross:-						
		1	3.30	$\frac{6.30+4.20}{2}$	0.025	0.144	
	Cart	1	15.00	$\frac{3.60+2.60}{2}$	0.025	1.35	
	on	1	10.50	$\frac{3.60+3.80}{2}$	0.025	0.97	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3nd 'A' Gooss:-	1	2.40	$\frac{7.50+6.40}{2}$	0.025	0.42	
		1	15.00	$\frac{5.20+4.80}{2}$	0.025	1.88	
		1	14.40	$\frac{4.80+5.40}{2}$	0.025	1.84	
	W.O. 30/8	1	2.90	$\frac{6.20+4.80}{2}$	0.025	0.40	
	6th Gooss:-						
	W.O. (30/8)	1	15.00	$\frac{4.10+4.30}{2}$	0.025	1.73	
	Side						
	on	1	15.00	$\frac{4.30+4.90}{2}$	0.025	1.73	
		1	13.60	$\frac{4.90+5.70}{2}$	0.025	1.80	
	6th 'A' Gooss:	1	3.60	$\frac{7.40+4.50}{2}$	0.025	0.54	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
6.40 / 2	0.025	0.42	
4.80 / 2	0.025	1.88	
5.40 / 2	0.025	1.84	
4.80 / 2	0.025	0.40	
4.30 / 2	0.025	1.73	
4.90 / 2	0.025	1.73	
5.70 / 2	0.025	1.80	
4.50 / 2	0.025	0.54	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 262053

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಕ. ಅ. (ಪ್ರ.ಪ)	1	15.00	4.60+5.10 / 2	0.025	1.82	
		1	15.50	5.10+4.90 / 2	0.025	1.94	
		1	15.00	4.70+4.60 / 2	0.025	1.74	
	Site	1	18.20	4.60+4.90 / 2	0.025	2.16	
	On						
	Finishing Works:	1	3.30	7.20+5.40 / 2	0.025	0.62	
		1	15.00	5.30+4.80 / 2	0.025	1.89	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Cr.Lk 1	15.00	$\frac{4.80+5.30}{2}$	0.025	1.89	
		ml 1	10.80	$\frac{5.30+5.10}{2}$	0.025	1.40	
	Checked.	8th Gross:- 1	2.90	$\frac{5.50+5.40}{2}$	0.025	0.40	
	30/8	Cr.Lk 1	15.00	$\frac{5.10+5.10}{2}$	0.025	1.91	
		ml 1	22.00	$\frac{5.10+5.50}{2}$	0.025	2.91	
		9th Gross:- 1	3.20	$\frac{5.40+6.70}{2}$	0.025	0.48	
		Cr.Lk 1	15.00	$\frac{4.90+4.60}{2}$	0.025	1.78	
		ml 1	17.00	$\frac{4.60+4.80}{2}$	0.025	2.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	10th Gu

NT BOOK

nensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	$\frac{4.80+5.30}{2}$ 0.025		1.89	
	$\frac{5.30+5.10}{2}$ 0.025		1.40	
	$\frac{5.50+5.40}{2}$ 0.025		0.40	
	$\frac{5.10+5.10}{2}$ 0.025		1.91	
	$\frac{5.10+5.50}{2}$ 0.025		2.91	
	$\frac{5.40+6.70}{2}$ 0.025		0.48	
	$\frac{4.90+4.60}{2}$ 0.025		1.78	
	$\frac{4.60+4.80}{2}$ 0.025		2.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262054

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	10th Floor:-	1	15.00	$\frac{6.30+6.20}{2}$ 0.025		2.34	
		1	15.00	$\frac{6.20+6.10}{2}$ 0.025		2.31	
		1	15.00	$\frac{6.10+5.40}{2}$ 0.025		2.16	
		1	15.00	$\frac{5.40+6.60}{2}$ 0.025		2.25	
	Cut	1	15.00	$\frac{6.60+6.10}{2}$ 0.025		2.38	
	On	1	15.00	$\frac{6.10+6.60}{2}$ 0.025		2.38	
		1	15.00	$\frac{6.60+5.60}{2}$ 0.025		2.29	
		1	13.60	$\frac{5.60+6.20}{2}$ 0.025		2.01	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{6.20+5.60}{2}$	0.025	4.43	
						58.47 m³	
	Limited to schedule 'E' Quantity:- 58.25 m³						582.500.00
						@ RS. 10000.00	
(17)	Lead for disposal of debries shall be payable at carriage rates by mechanical means including loading and unloading. from 0.00 to 2 km as per specifications and direction of the engineer in charge of the work.						
	Site	Quantity vide item no: (1)+(2) :- 387.77 m³					30633.83
						@ RS. 79.00	
		dtd 27/7/2016					

Serial No. .....
Name of Work .....
Name of Contractor of natur
Date of commencement of w

Date	Full description, e
1	2
	CERTI
	(1) Certificate ted.
	(2) Certificate to Site.

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
2.00	$\frac{6.20+5.60}{2}$	0.025	4.43	
			58.47 m^3	
le ⓒ Quantity:			58.25 m^3	582,500.00
			@ Rs. 10000.00	
shall be payable at Carriage				
s including loading and unload				
e as per Specifications and direction				
of the work.				
vide item no: ① + ② :			387.77 m^3	30633.83
			@ Rs. 79.00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

262055

Name of Contractor of nature of Agency .....

Date of commencement of work .....

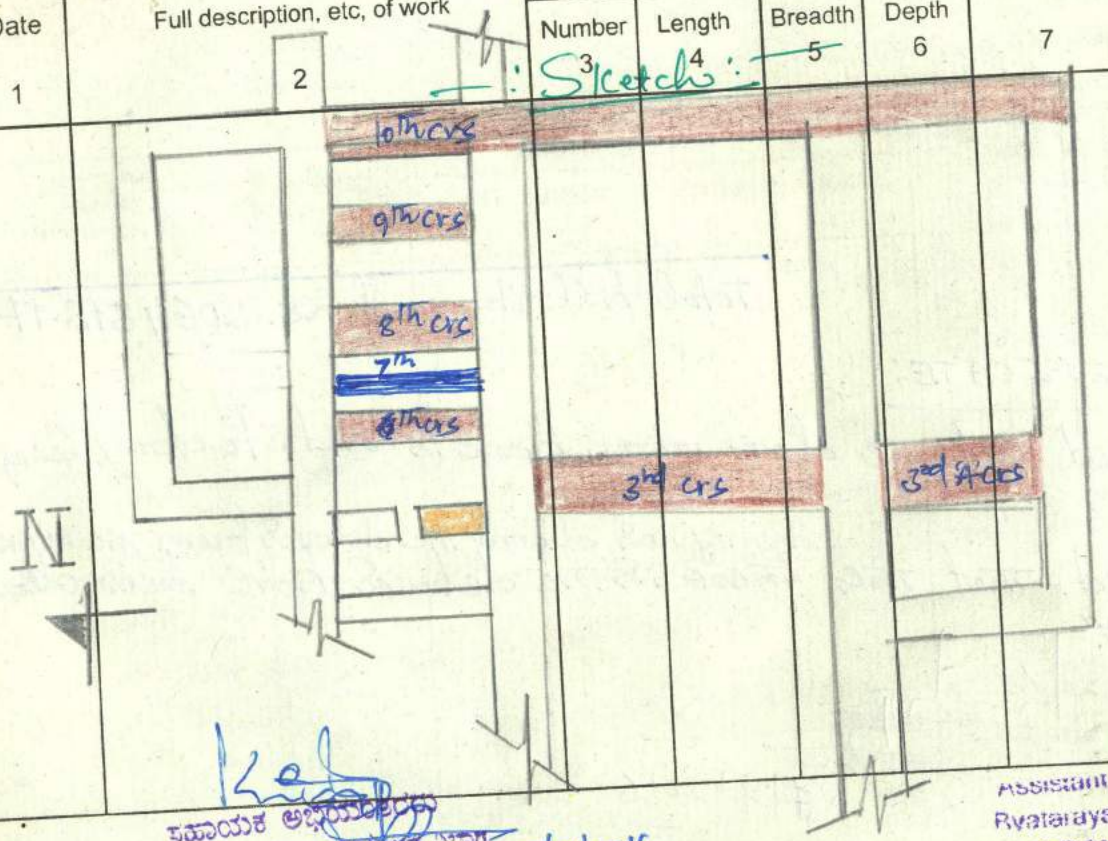
Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			Total bill Amount Rs. 20,64,878.17				
	CERTIFICATE:-						
	① Certified that the above work done is Satisfactorily Completed.						
	② Certified that the Agency has cleared the debris from the work spot ~~to Site~~. There is no debries have been cleared						

ಸಹಾಯಕ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
AE
27/7/2016

27/7/2016
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	: Sketch :						



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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

27/7/2016

Assistant Executive Engr
Rvatarayanapura Sub Div
B.B.M.P. Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2

18,73,63

BOOK

s		Contents	Reference to last Measurement
dth	Depth		
—	6	7	8

3rd A'cts

Assistant Executive Engr.
Rvatarayanapura Sub Div
B.B.M.P. Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262056

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT — 20648 —	
	20,64,818 =00					MT 82593 —	
	191187 =00					LWC — 20648 —	
						CBT — 2065 —	
	18,73,631 =00					Rwy — 65233 —	
						191187 =00	
						Total 12/9/16.	